

5kV 6mm² XLPE PVC Cable



Eland Product Group: AGL

APPLICATION

A single core 5kV, un-screened PVC power cable. Used for the interconnection of Airfield Lighting systems. Suitable for installation in conduit, duct, aerial and direct burial.

CHARACTERISTICS

Voltage Rating

5kV

Temperature Rating

-25°C to +90°C

Minimum Bending Radius

9 x overall diameter

CONSTRUCTION

Conductor

Class 2 stranded copper conductor

Insulation

XLPE (Cross-Linked Polyethylene)

Sheath

PVC (Polyvinyl Chloride)

Sheath Colour

● Black

DIMENSIONS

| ELAND PART NO. | NO. OF CORES | NOMINAL CROSS SECTIONAL AREA mm ² | RADIAL THICKNESS OF INSULATION mm | NOMINAL OVERALL DIAMETER mm | MAXIMUM RESISTANCE OF CONDUCTOR ohms/km |
|----------------|--------------|---|--------------------------------------|--------------------------------|--|
| AGL5KV006PV | 1 | 6 | 3.05 | 11.9 | 3.08 |

STANDARDS

FAA L-824C, BS EN 60228

bsi.

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.